

JFW

IN THE UNITED STATES PATENT AND TRADEMARK OFFICEINFORMATION DISCLOSURE STATEMENT TRANSMITTAL

Info Application of: Vinod Sharma
 For: COMPOSITIONS AND METHOD FOR TREATING CARDIAC DYSFUNCTION
 Serial No. 10/626,159
 Filed: July 24, 2003

CERTIFICATE OF MAILING UNDER 37 CFR 1.8: I hereby certify that this INFORMATION DISCLOSURE STATEMENT and the paper(s), as described herein, are being deposited in the U.S. Postal Service, as first class mail, addressed to the Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on this 2nd day of February, 2005.

TyAnne Pauluik
 Signature
TyAnne Pauluik
 Printed Name

Commissioner for Patents
 P.O. Box 1450
 Alexandria, VA 22313-1450

Sir:

We are transmitting herewith the attached:

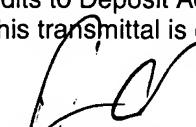
- Information Disclosure Statement
- PTO FORM 1449
- Copies cited foreign references
- Return Postcard

FEE CALCULATION

- \$ 00.00 Pursuant to 37 CFR §1.97(b) (before mailing of first Office Action)
- \$ 00.00 Pursuant to 37 CFR §1.97(c) with Certification (cited in foreign application not more than 3 months earlier)
- \$ 00.00 Pursuant to 37 CFR §1.97(e) with Certification
- \$180.00 Pursuant to 37 CFR §1.97(c) without Certification
- \$180.00 Pursuant to 37 CFR §1.97(d) with Certification
- Applicant hereby petitions for a months' extension of time. If an additional extension of time is required, please consider this petition therefor.
- Applicant believes that no extension of time is required. However, if an extension of time is required, please consider this a petition therefor to provide for the possibility that applicant has inadvertently overlooked the need for an extension of time.
- Please charge any additional fees or credits to Deposit Account No. 13-2546 which may have been overlooked with regard to this filing. A duplicate of this transmittal is enclosed.

Date

2/1/05


 Daniel G. Chapik
 Reg. No. 43,424
 Telephone: (763) 514-3066
 Customer No. 27581

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant(s): Vinod Sharma

) Art Unit: 3762

Serial No.: 10/626,169

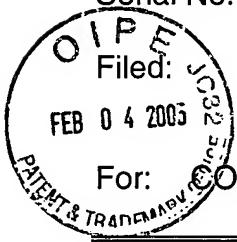
) Examiner:

Filed: July 24, 2003

) Docket: P-11275.00

Conf No: 9695

For: COMPOSITIONS AND METHOD FOR TREATING CARDIAC DYSFUNCTION



INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Dear Sir:

In compliance with the duty imposed by 37 C.F.R. § 1.56, and in accordance with C.F.R. §§ 1.97 *et. seq.*, the materials enclosed herewith are brought to the attention of the Examiner as possibly being of interest in connection with the above-identified patent application.

Consideration of each of the documents listed on the attached Form 1449 is respectfully requested. Pursuant to the provisions of M.P.E.P. §609, Applicant further requests that a copy of the Form 1449, marked as being considered and initialed by the Examiner, be returned with the next Official Communication.

Respectfully submitted,

Date: 2/21/05

By:

A handwritten signature in black ink, appearing to read "D.G. Chapik".

Daniel G. Chapik

Reg. No. 43,424

Telephone: (763) 514-3066

Customer No. 27581

FORM PTO-1449 (Rev. 2-32)		ATTY. DOCKET NO.: P-11275.00	SERIAL NO: 10/626,159
U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE		INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use several sheets if necessary)	
		APPLICANT: Vinod Sharma	
		FILING DATE: July 24, 2003	GROUP: 3762

U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE ISSUED	INVENTOR NAME	U.S. CLASS	U.S. SUB-CLASS	FILING DATE IF APPROPRIATE
	AA	6,214,620	04/10/2001	Johns et al.	435	455	
	AB	2002/0155101		J. Kevin Donahue et al.	424	93.21	10/24/2002

FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE PUBLICATION	COUNTRY	INT. CLASS	INT. SUB-CLASS	TRANSLATION	
							YES	NO
	AC	WO 02/087419 A2	02.11.2002	WO	A61B			
	AD	WO 02/098286 A2	12.12.2002	WO	A61B			
	AE	WO 98/02150	22.01.1998	WO	A61K	31/100		
	AF	WO 02/19966 A2	14.03.2002	WO	A61K			

OTHER DOCUMENTS (Including Author, Title, Date Pertinent Pages, Etc.)

AG	Schram, G. et al., "Differential distribution of Cardiac Ion Channel Expression as a Basis for Regional Specialization in Electrical Function". <i>Circ Res.</i> 2002; 90:939-50
AH	Schorosky, SR et al., "Calcium Currents and Arrhythmias: Insights From Molecular Biology." <i>Am J Med.</i> 2001;110:127-40
AI	Beguin, P et al., "Regulation of Ca ²⁺ Channel Expression at the Cell Surface by the Small G-Protein Kir/Gem.", <i>Nature</i> ,2001;411:701-6
AJ	Priori, SG et al, "From Catheters to Vectors: The Dawn of Molecular Electrophysiology". <i>Nat Med.</i> 2000;6:131-8
AK	Miake, J et al, "Biological Pacemaker Created by Gene Transfer." <i>Nature</i> 002;419:132-3
AL	Balser, JR. "Structure and Function of the Cardiac Sodium Channels." <i>Cardiovasc Res.</i> 1999;42:327-38
AM	Cribbs, LL et al., "Cloning and Characterization of Alpha 1 H From Human Heart, a Member of the T-type Ca ²⁺ Channel Gene Family." <i>Circ Res.</i> 1998;42:327-38
AN	Ishii, TM et al. "Molecular Characterization of the Hyperpolarization-Activated Cation Channel in Rabbit Heart Sinoatrial Node." <i>J Biol Chem.</i> 1992;274:12835-9

EXAMINER	DATE CONSIDERED
EXAMINER:	Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.